



# Crop Progress and Condition

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**In Cooperation with:**

Univ. of KY – Agr'l Weather Center  
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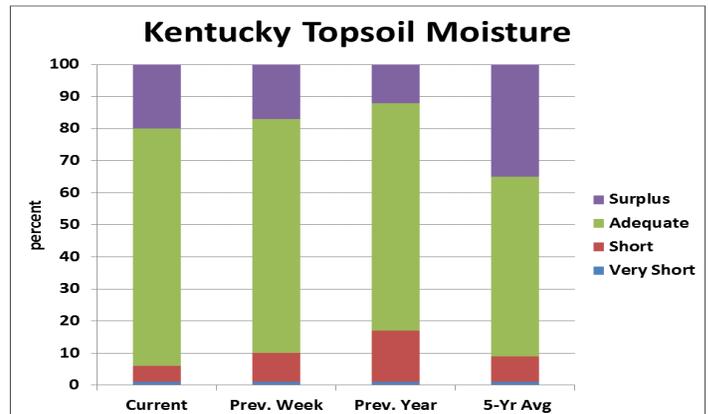
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**Agricultural News:** Kentucky experienced below normal temperatures and rainfall over the past week. Precipitation for the week totaled 0.72 inches, 0.37 inches below normal. Temperatures averaged 58 degrees for the week, 4 degrees below normal. **Topsoil moisture** was rated 1 percent very short, 5 percent short, 74 percent adequate and 20 percent surplus. **Subsoil moisture** was rated 1 percent very short, 5 percent short, 80 percent adequate, and 14 percent surplus. Days suitable for fieldwork averaged 3.2 out of a possible seven.

Primary activities this week included planting soybeans and setting tobacco; corn planting has been progressing at a rapid pace. Some farmers are applying fungicides to prevent head scab in wheat as wet and cool weather conditions persist. Wet conditions are also delaying the cutting of alfalfa and wheat hay. There were reports of hail during isolated thunderstorms in the middle of the week, although corn plants are mostly projected to recover from any damage. Tobacco transplant supplies were reported as 2 percent short, 93 percent adequate, and 5 percent surplus. Nineteen percent of tobacco transplants were under 2 inches, with 41 percent between 2-4 inches, and 40 percent over 4 inches.

**SOIL MOISTURE for week ending 05/08/16**

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	1	5	74	20
Subsoil	1	5	80	14

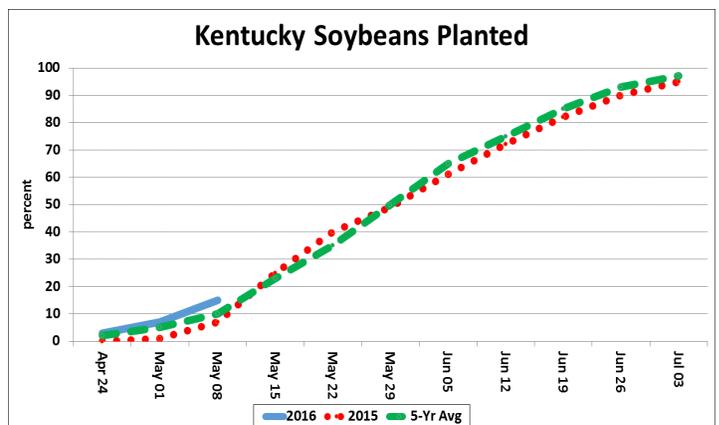
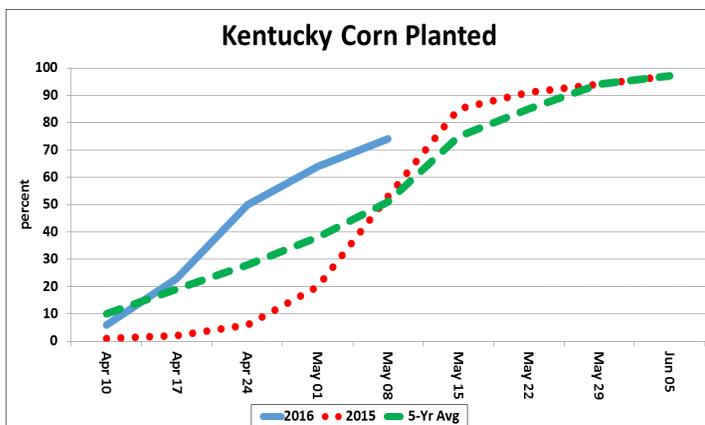


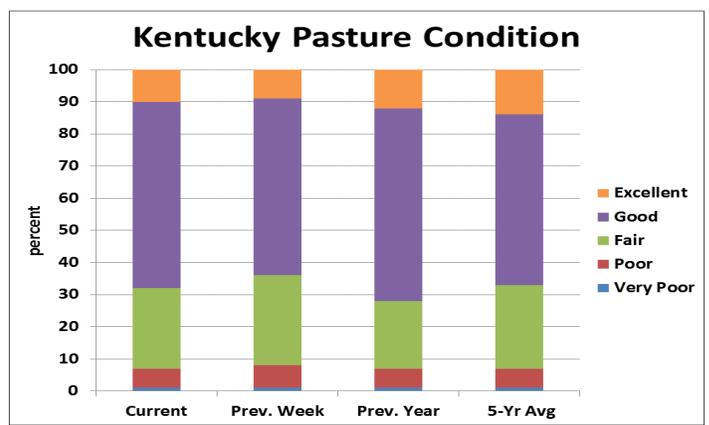
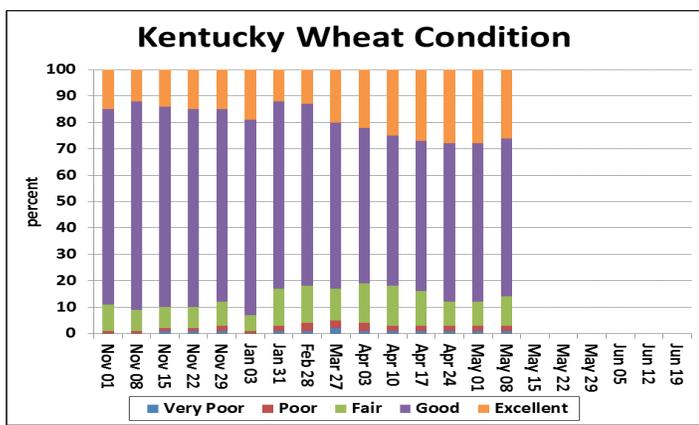
**CROP PROGRESS for week ending 05/08/16**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	74	64	53	51
Corn Emerged	49	29	19	30
Soybeans Planted	15	7	7	10
Tobacco Set	4	1	6	5
Winter Wheat Headed	80	53	54	58

**CROP CONDITIONS for week ending 05/08/16**

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	3	16	67	13
Pasture	1	6	25	58	10
Wheat	1	2	11	60	26





**Kentucky Climate Summary  
For the Period May 2, 2016 to May 8, 2016**

Below Normal Temperatures and Rainfall:

An active pattern carried over for a second straight week in Kentucky with multiple rounds of rainfall. Saying that, accumulations were not near as significant compared to the previous week. The state still averaged just under three quarters of an inch with the most falling across Eastern Kentucky. Over the past 14 days, Eastern Kentucky has averaged over 4 inches of rainfall, which is over 2 inches above normal. In response, the US Drought Monitor reduced the area of abnormally dry conditions to roughly 23% of the state, mainly in Southcentral and Southeastern Kentucky, who are still showing some long term deficits. Overall, temperatures for the week averaged below normal for the first time in a month. The coldest period was Wednesday night through Thursday night. Lows each night dropped into the low to middle 40s for much of the state, but a number of locations even dropped into the upper 30s. In between, highs on Thursday only rose into the middle 50s to low 60s, well below normal highs for this time of year in the low to middle 70s.

Temperatures for the period averaged 58 degrees across the state which was 4 degrees cooler than normal and 10 degrees cooler than the previous period. High temperatures averaged from 71 in the West to 67 in the East. Departure from normal high temperatures ranged from 4 degrees cooler than normal in the West to 7 degrees cooler than normal in the East. Low temperatures averaged from 50 degrees in the West to 49 degrees in the East. Departure from normal low temperature ranged from 2 degrees cooler than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 88 degrees at CAPE GIRARDEAU ASOS and the extreme low was 38 degrees at BURKESVILLE 3W.

Precipitation (liq. equ.) for the period totaled 0.72 inches statewide which was 0.37 inches below normal and 66% of normal. Precipitation totals by climate division, West 0.21 inches, Central 0.77 inches, Bluegrass 0.72 inches and East 1.19 inches, which was -0.97, -0.37, -0.29 and 0.16 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at CAPE GIRARDEAU ASOS to a high of 2.09 inches at BOONEVILLE 2S.

**KENTUCKY TEMPERATURES AND RAIN FALL  
FOR WEEK ENDING SUNDAY, 05/08/16 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures				Wkly. Avg.	Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil		Air			
				4 In. Grass		High	Low		
				High	Low				
(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	
Bardstown	0.58	13.48	-2.02	68	56	81	42	59	-5
Berea	0.76	13.82	-1.73	--	--	79	39	58	-4
Bowling Green	0.53	12.46	-6.18	73	56	85	47	62	-2
Bristol	0.38	12.11	-2.57	--	--	81	42	59	-3
Buckhorn Lake	1.56	15.10	-1.18	--	--	77	41	58	-4
Cape Girardeau	0.00	14.94	-2.08	--	--	88	41	60	-6
Campbellsville	0.68	16.27	-2.34	--	--	81	42	59	-5
Covington	0.44	17.10	2.73	--	--	76	41	56	-6
Cumberland Gap	1.53	18.95	0.25	--	--	81	40	59	-3
Dix Dam	1.47	13.48	-2.68	--	--	80	42	58	-4
Evansville	0.50	18.31	2.57	--	--	85	45	60	-6
Glasgow	0.84	17.49	-1.48	70	60	81	43	59	-5
Grayson	0.71	15.33	1.44	--	--	76	38	57	-5
Hardinsburg	0.15	16.11	-1.43	--	--	83	41	58	-6
Henderson	0.08	17.45	1.14	--	--	86	47	62	-4
Huntington	0.51	16.43	2.62	--	--	78	43	59	-3
Jackson	1.84	20.09	3.60	--	--	78	41	58	-4
Lexington	0.55	12.43	-3.07	65	57	80	42	58	-4
London	0.81	13.92	-2.60	--	--	80	41	58	-4
Louisville	0.57	15.40	-0.84	--	--	85	45	62	-2
Mayfield	0.45	26.10	5.98	--	--	83	43	60	-6
Nashville	0.46	12.59	-5.30	--	--	86	44	61	-3
Nolin Lake	0.79	14.19	-3.77	--	--	86	42	62	-2
Paducah	0.01	17.94	-0.43	73	56	86	43	62	-4
Princeton	0.10	17.41	-1.84	73	56	83	39	58	-8
Quicksand	1.55	18.40	1.91	--	--	79	40	59	-3
Somerset	1.22	17.98	0.23	--	--	81	41	58	-4
Spindletop	1.00	16.43	0.93	65	57	79	41	58	-4
Williamstown	0.64	15.91	0.61	--	--	75	41	56	-6

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.